

Claims

What is claimed is:

1. A method in tail threading in a paper machine, in which the paper web is dried in production by means of a plurality of dryer groups consisting of a dryer section, and in which tail threading the threading tail is cut, taken as wetted to the finishing device, and spread to its full width for production, and in which method, before the threading tail is taken to the finishing device, the dryer section is kept in the settings of production operation or is set to otherwise correspond to production, except that a wetting process is started, in which the web is wetted at the full width for the duration of the tail threading, essentially before its cutting, to achieve an even moisturizing effect, and the wetting process is stopped after web is being spread.

2. A method according to Claim 1, characterized in that the wetting takes place in the middle of the dryer section.

3. A method according to Claim 1, characterized in that the moisture content of the paper web is raised to 4 - 8 %.

4. An arrangement in a paper machine, which includes a multi-stage dryer section, threading tail cutting devices, a finishing device, and devices to take the threading tail to the finishing device, and possible rewetting devices, characterized in that the arrangement includes full width wetting devices on the middle of the dryer section before cutting devices and which are arranged to wet the web, essentially over its full width, for the duration of the tail-threading phase.

5. An arrangement according to Claim 4, characterized in that the wetting devices are located in the middle of the dryer section.

5 6. An arrangement according to Claim 4, characterized in that at least one wetting device is formed from a tubular bar extending over the whole web, nozzles located in it, and a valve controlling the flow.

10 7. An arrangement according to Claim 6, characterized in that the nozzles of the wetting device are installed in the upper edge of the tubular bar.

8. An arrangement according to Claim 6, characterized in that the valve of the wetting device is arranged to be controlled automatically by the machine's control system.

15 9. An arrangement according to Claim 4, characterized in that there is a detecting device for detecting the moisture level of the web at the reject point after the dryer section.

20 10. An arrangement according to Claim 8, characterized in that the machine's control system is adapted to control the said wetting and the said tail threading in an automatic sequence.

25 11. An arrangement according to one of Claim 4, characterized in that the wetting device is attached to the frame of the doctor.

12. An arrangement according to Claim 11, characterized in that the wetting device is aimed at the paper web as it travels upwards, in front of the doctor.

30 13. An arrangement according to Claim 4, characterized in that the said finishing device is one

of a reeler, a sizer, a coating device, a calender, and a post-dryer section.